

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/022043

A. CLASSIFICATION OF SUBJECT MATTER

H02P5/74(2006.01), B60K6/04(2006.01), B60W10/08(2006.01), B60W20/00
(2006.01), H02M7/48(2006.01), H02M7/537(2006.01), H02P27/06(2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H02P5/00(2006.01), B60K6/04(2006.01), B60W10/00(2006.01), B60W20/00
(2006.01), H02M7/00(2006.01), H02P27/00(2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho 1971-2006 Toroku Jitsuyo Shinan Koho 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-374604 A (Toyota Motor Corp.), 26 December, 2002 (26.12.02), Par. Nos. [0024] to [0039] & US 2002/0057582 A1	1-7
A	JP 10-191501 A (Denso Corp.), 21 July, 1998 (21.07.98), Par. No. [0009] (Family: none)	1-7
A	JP 2004-120853 A (Toyota Central Research And Development Laboratories, Inc., Toyota Motor Corp.), 15 April, 2004 (15.04.04), Full text; all drawings (Family: none)	1-7



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
23 February, 2006 (23.02.06)

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Japanese Patent Office

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PCT/JP2005/022043

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SUL Seung-Ki, LEE Sang-Joon, An Integral Battery charger for Four-Wheel Driver Electric Vehicle, IEEE TRANSACTIONS ON INDUSTRY APPLCATIONS, IEEE INC. NEW YORK, US, Vol.131, No.5, 01 September, 1995 (01.09.95), pages 1096 to 1099	1-7

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